

E-commerce website

A Project Report

Seminar Report submitted in partial fulfillment of the requirements for the award of the degree of **BCA**

By

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**Department of Computer Application
GEHU:2019-2022**

CERTIFICATE

This is to certify that the Seminar entitled E-COMMERCE WEBSITE presented by
SAURABH BHATT bearing **Registration no 1921159,1921132,1921200** of **GEHU,**
Dehradun has been completed successfully.

This is in partial fulfillment of the requirements of Bachelor's Degree in **GEHU,**
Dehradun.Uttrakhand.

I wish her/ him success in all future endeavors.

MR ADITYA HARBOLA
(Assistant Professor)

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ABSTRACT

In the emerging global economy, electronic-commerce has increasingly become a necessary component of business strategy and a strong catalyst for economic development. The integration of information and communications technology (ICT) in business has revolutionized relationships within organizations and those between and among organizations and individuals. Specifically, the use of ICT in business has enhanced productivity, encouraged greater customer participation, and enabled mass customization, besides reducing costs. E-commerce creates new opportunities for performing profitable activities online. It promotes easier cooperation between different groups: businesses sharing information to improve customer relations; companies working together to design and build new products/services; or multinational company sharing information for a major marketing campaign.

Signature of the Student (S)

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Semester : 6

Section : C

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Introduction

About

E-commerce (electronic commerce) is the buying and selling of goods and services, or the transmitting of funds or data, over an electronic network, primarily the internet. These business transactions occur either as business-to-business (B2B), business-to-consumer (B2C), consumer-to-consumer or consumer-to-business.

Today, there are innumerable virtual stores and malls on the internet selling all types of consumer goods. The most recognized example of these sites is Amazon, which dominates the B2C market.

Objective

The primary goal of e-commerce is to reach maximum customers at the right time to increase sales and profitability of the business. Functions of e-commerce include buying and selling goods, transmitting funds or data over the internet.

To take costs out of serving customers. Some components of the digital experience—such as discovery, evaluation and support—can be more cost-effective and deliver better results than traditional delivery mechanisms.

To reach new customers, especially those that may have been difficult to access, too costly to serve, or not valuable enough to pursue within a firm's existing business model.

CHAPTER-2

WEB-DEVELOPMENT:

Web development is a broad term for the work involved in developing a web site for the Internet (World Wide Web) or an intranet (a private network). Web development can range from developing the simplest static single page of plain text to the most complex web-based internet applications, electronic businesses, and social network services. A more comprehensive list of tasks to which web development commonly refers, may include web engineering, web design, web content development, client liaison, client-side/side scripting, web server and network security configuration, and e-commerce development. Among web professionals, "web development" usually refers to the main non-design aspects of building web sites: writing markup and coding. Most recently Web development has come to mean the creation of content management systems or CMS. These CMS can be made from scratch, proprietary or open source. In broad terms the CMS acts as middleware between the database and the user through the browser. A principle benefit of a CMS is that it allows non-technical people to make changes to their web site without having technical knowledge.

For larger organizations and businesses, web development teams can consist of hundreds of people (web developers) and follow standard methods like Agile methodologies while developing websites. Smaller organizations may only require a single permanent or contracting developer, or secondary assignment to related job positions such as a graphic designer or information systems technician. Web development may be a collaborative effort between departments rather than the domain of a designated department. There are three kind of web developer specialization: front-end developer, back-end developer, and full-stack developer.

2.1 WEB-SITE

A **website** is a collection of related web pages, including multimedia content, typically identified with a common domain name, and published on at least one web server. A website may be accessible via a public Internet Protocol (IP) network, such as the Internet, or a private local area network (LAN), by referencing a uniform resource locator (URL) that identifies the site.

Websites have many functions and can be used in various fashions; a website can be a personal website, a commercial website for a company, a government website or a non-profit organization website. Websites are typically dedicated to a particular topic or purpose, ranging from entertainment and social networking to providing news and education. All publicly accessible websites collectively constitute the World Wide Web, while private websites, such as a company's website for its employees, and are typically a part of an intranet.

Web pages, which are the building blocks of websites, are documents, typically composed in plain text interspersed with formatting instructions of Hypertext Markup Language (HTML, XHTML). They may incorporate elements from other websites with

suitable markup anchors. Web pages are accessed and transported with the Hypertext Transfer Protocol (HTTP), which may optionally employ encryption (HTTP Secure, HTTPS) to provide security and privacy for the user. The user's application, often a web browser, renders the page content according to its HTML markup instructions onto a display terminal.

Hyperlinking between web pages conveys to the reader the site structure and guides the navigation of the site, which often starts with a home page containing a directory of the site web content. Some websites require user registration or subscription to access content. Examples of subscription websites include many business sites, news websites, academic journal websites, gaming websites, file-sharing websites, message boards, web-based email, social networking websites, websites providing real-time stock market data, as well as sites providing various other services. As of 2016 end users can access websites on a range of devices, including desktop and laptop computers, tablet computers, smartphones and smart TVs.

A web site consists of web pages which are interconnected to each other and contain various data and functionalities.

2.2 WEB-PAGE

A **web page**, or **webpage**, is a document that is suitable for the World Wide Web and web browsers. A web browser displays a web page on a monitor or mobile device. The web page is what displays, but the term also refers to a computer file, usually written in HTML or comparable markup language. Web browsers coordinate the various web resource elements for the written web page, such as style sheets, scripts, and images, to present the web page.

Typical web pages provide hypertext that includes a navigation bar or a sidebar menu to other web pages via hyperlinks, often referred to as links.

On a network, a web browser can retrieve a web page from a remote web server. On a higher level, the web server may restrict access to only a private network such as a corporate intranet or it provides access to the World Wide Web. On a lower level, the web browser uses the Hypertext Transfer Protocol (HTTP) to make such requests.

A static web page is delivered exactly as stored, as web content in the web server's file system, while a dynamic web page is generated by a web application that is driven by server-side software or client-side scripting. Dynamic website pages help the browser (the client) to enhance the web page through user input to the server.

CHAPTER-3

THE STEPS TO CREATE A WEB SITE

Creating a web site requires multiple steps which includes the following:

- Creating a UI(User interface)
- Scripting(Both at server end and client end)
- Creating a backend or the database

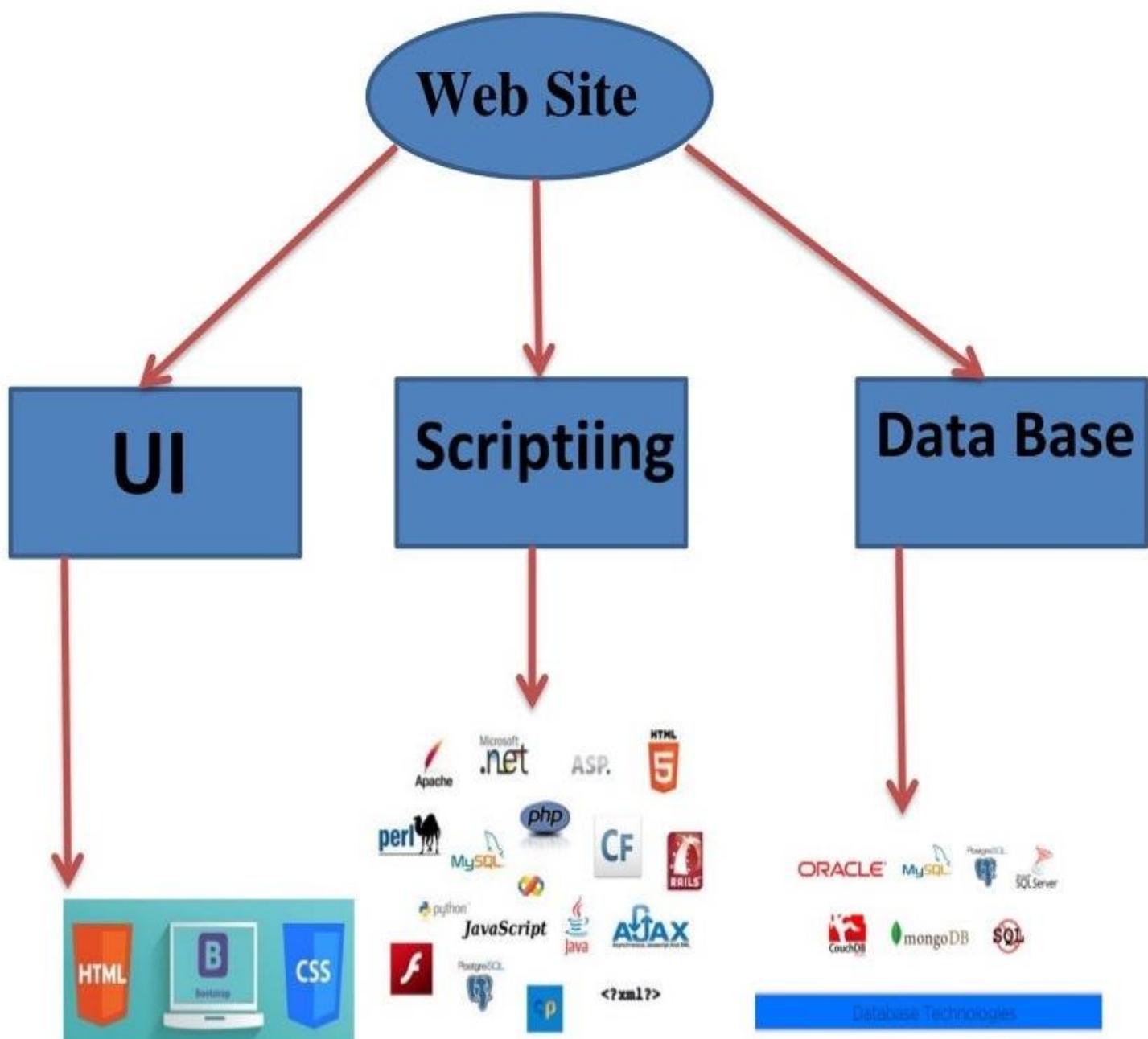


Fig 3.1

3.1 UI DEVELOPMENT

Technologies that are mostly used to develop a User Interface are:

- HTML
- CSS
- Bootstrap.

3.1.1 HTML

Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a webserver or from local storage and render them into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects, such as interactive forms, may be embedded into the rendered page. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets. Tags such as `` and `<input />` introduce content into the page directly. Others such as `<p>...</p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript which affect the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), maintainer of both the HTML and the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

HTML markup consists of several key components, including those called tags (and their attributes), character-based data types, character references and entity references. HTML tags most commonly come in pairs like `<h1>` and `</h1>`, although some represent empty elements and so are unpaired, for example ``. The first tag in such a pair is the start tag, and the second is the end tag (they are also called opening tags and closing tags).

Another important component is the HTML document type declaration, which triggers standards mode rendering.

The following is an example of the classic Hello world program, a common test employed for comparing programming languages, scripting languages and markup languages. This example is made using 9 lines of code:

General Syntax of HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>This is a title</title>
  </head>
  <body>
    <p>Hello world!</p>
  </body>
</html>
```

(The text between `<html>` and `</html>` describes the web page, and the text between `<body>` and `</body>` is the visible page content. The markup text "`<title>This is a title</title>`" defines the browser page title.)

The Document Type Declaration `<!DOCTYPE html>` is for HTML5. If a declaration is not included, various browsers will revert to "quirks mode" for rendering.

3.1.2 CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language. Although most often used to set the visual style of web pages and user interfaces written in HTML and XHTML, the language can be applied to any XML document, including plain XML, SVG and XUL, and is applicable to rendering in speech, or on other media. Along with HTML and JavaScript, CSS is a cornerstone technology used by most websites to create visually engaging webpages, user interfaces for web applications, and user interfaces for many mobile applications.

CSS is designed primarily to enable the separation of presentation and content, including aspects such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple HTML pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

Separation of formatting and content makes it possible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. It can also display

the web page differently depending on the screen size or viewing device. Readers can also specify a different style sheet, such as a CSS file stored on their own computer, to override the one the author specified.

Changes to the graphic design of a document (or hundreds of documents) can be applied quickly and easily, by editing a few lines in the CSS file they use, rather than by changing markup in the documents.

The CSS specification describes a priority scheme to determine which style rules apply if more than one rule matches against a particular element. In this so-called cascade, priorities (or weights) are calculated and assigned to rules, so that the results are predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) text/css is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

Types of CSS:

- **Inline CSS:**

In this CSS is applied in between the tags

Eg: <tag style="styling">Hello World</tag>

- **Internal CSS:**

In this Thecss code is defined inside the style tag in the head section of the HTML page.

General Syntax:

```
<html>
  <head>
    <style>
      <!-- CSS STYLING -->
    </style>
  </head>
</html>
```

- External CSS:

In this the CSS code is written on another page and is linked to the HTML page. It is advantageous to use this type of styling as we can use the same file to style various HTML pages.

External CSS uses the extension .css and is applied using the following syntax

```
<html>  
  <head>  
    <link relation="stylesheet" type="css" href="url to the page">  
  </head>  
</html>
```

All the CSS style types are important but can be used in different situations.

- Inline CSS is used when only small changes are to be done to the HTML tag and the changes are to be reflected only to that specific tag
- Internal CSS is used when the individual HTML pages have to be designed differently. This also slows the page load system if the internal styling is long.
- External CSS files are maintained to design multiple pages and use common styles over various pages. It is useful as it helps in managing the resources in an easy manner.

Both HTML and CSS are used to create a UI but CSS behaves like a makeup on the face of an actress which makes her look even more beautiful than she is in reality.

And here is the difference:

Before using CSS in HTML page:

Enter your account details to login!

The image shows a basic login interface. At the top left is a small square button with a white 'X' on it. Below it is a horizontal input field with the word 'Email' inside. Underneath that is another horizontal input field with the word 'Password' inside. At the bottom is a large, rounded rectangular button with the word 'Login' in bold capital letters. The entire form is set against a plain white background.

Fig 3.2

After using CSS in HTML Page:

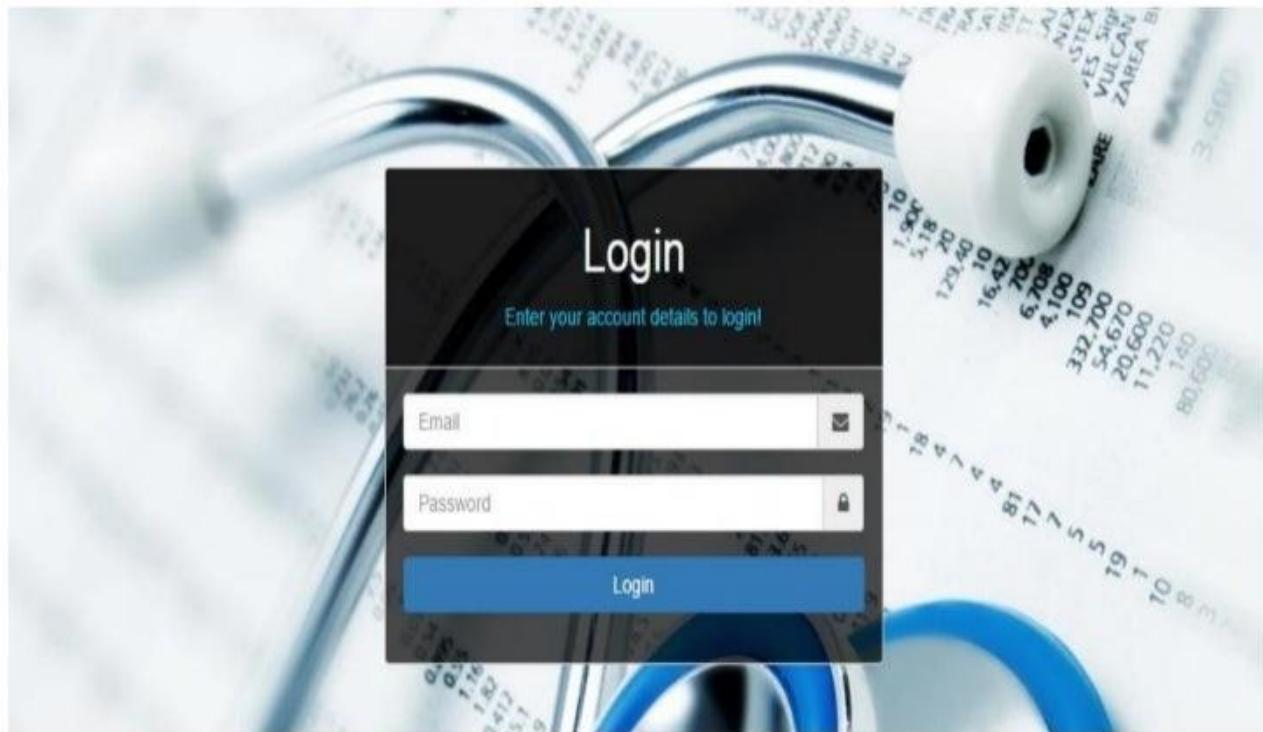


Fig 3.3

3.1.3 BOOTSTRAP

Bootstrap is a free and open-source front-end web framework for designing websites and web applications. It contains HTML- and CSS-based design templates for typography, forms, buttons, navigation and other interface components, as well as optional JavaScript extensions. Unlike many web frameworks, it concerns itself with front-end development only.

Bootstrap is the second most-starred project on GitHub, with more than 107,000 stars and 48,000 forks.

Bootstrap, originally named Twitter Blueprint, was developed by Mark Otto and Jacob Thornton at Twitter as a framework to encourage consistency across internal tools. Before Bootstrap, various libraries were used for interface development, which led to inconsistencies and a high maintenance burden. According to twitter developer Mark Otto:

“A super small group of developers and I got together to design and build a new internal tool and saw an opportunity to do something more. Through that process, we saw ourselves build something much more substantial than another internal tool. Months later, we ended up with an early version of Bootstrap as a way to document and share common design patterns and assets within the company.”

After a few months of development by a small group, many developers at Twitter began to contribute to the project as a part of Hack Week, a hackathon-style week for the Twitter development team. It was renamed from Twitter Blueprint to Bootstrap, and released as an

open source project on August 19, 2011. It has continued to be maintained by Mark Otto, Jacob Thornton, and a small group of core developers, as well as a large community of contributors.

On January 31, 2012, Bootstrap 2 was released, which added a twelve-column responsive grid layout system, inbuilt support for Glyphicons, several new components, as well as changes to many of the existing components.

On August 19, 2013, Bootstrap 3 was released, which redesigned components to use flat design, and a mobile first approach.

On October 29, 2014, Mark Otto announced that Bootstrap 4 was in development. The first alpha version of Bootstrap 4 was released on August 19, 2015.

Bootstrap 3 supports the latest versions of the Google Chrome, Firefox, Internet Explorer, Opera, and Safari (except on Windows). It additionally supports back to IE8 and the latest Firefox Extended Support Release (ESR).

Since 2.0, Bootstrap supports responsive web design. This means the layout of web pages adjusts dynamically, taking into account the characteristics of the device used (desktop, tablet, mobile phone).

Starting with version 3.0, Bootstrap adopted a mobile-first design philosophy, emphasizing responsive design by default.

The version 4.0 alpha release added Sass and flexbox support.

Installing and linking bootstrap to the HTML page:

- Install bootstrap from <https://getbootstrap.com/>
- Copy the bootstrap.min.css file to your CSS folder and link it to the HTML page in the similar manner to how any other CSS file is linked.
- Link the bootstrap.min.js file which is present in the JS folder of the bootstrap. It can be linked using script tag.

Eg: <script src="url to bootstrap.min.js"></script>

- Now use bootstrap classes to reduce the work of designing which was earlier done through CSS.

3.2 SCRIPTING

There are two scripting methodologies.

1. Server side scripting: This scripting is done at the server end
2. Client side scripting: This scripting is done at the client end or the browser.

3.2.1 SERVER SIDE SCRIPTING

Server-side scripting is a technique used in web development which involves employing scripts on a web server which produce a response customized for each user's (client's) request to the website. The alternative is for the web server itself to deliver a static web page. Scripts can be written in any of a number of server-side scripting languages that are available (see below). Server-side scripting is distinguished from client-side scripting where embedded scripts, such as JavaScript, are run client-side in a web browser, but both techniques are often used together.

Server-side scripting is often used to provide a customized interface for the user. These scripts may assemble client characteristics for use in customizing the response based on those characteristics, the user's requirements, access rights, etc. Server-side scripting also enables the website owner to hide the source code that generates the interface, whereas with client-side scripting, the user has access to all the code received by the client. A down-side to the use of server-side scripting is that the client needs to make further requests over the network to the server in order to show new information to the user via the web browser. These requests can slow down the experience for the user, place more load on the server, and prevent use of the application when the user is disconnected from the server.

When the server serves data in a commonly used manner, for example according to the HTTP or FTP protocols, users may have their choice of a number of client programs (most modern web browsers can request and receive data using both of those protocols). In the case of more specialized applications, programmers may write their own server, client, and communications protocol that can only be used with one another.

Programs that run on a user's local computer without ever sending or receiving data over a network are not considered clients, and so the operations of such programs would not be considered client-side operations.

3.2.2 Server Side scripting Languages

There are several languages that can be used for server-side programming:

- PHP
- ASP.NET (C# OR Visual Basic)
- C++
- Java and JSP
- Python
- Ruby on Rails and so on.

Programming Language Popularity By Github Projects

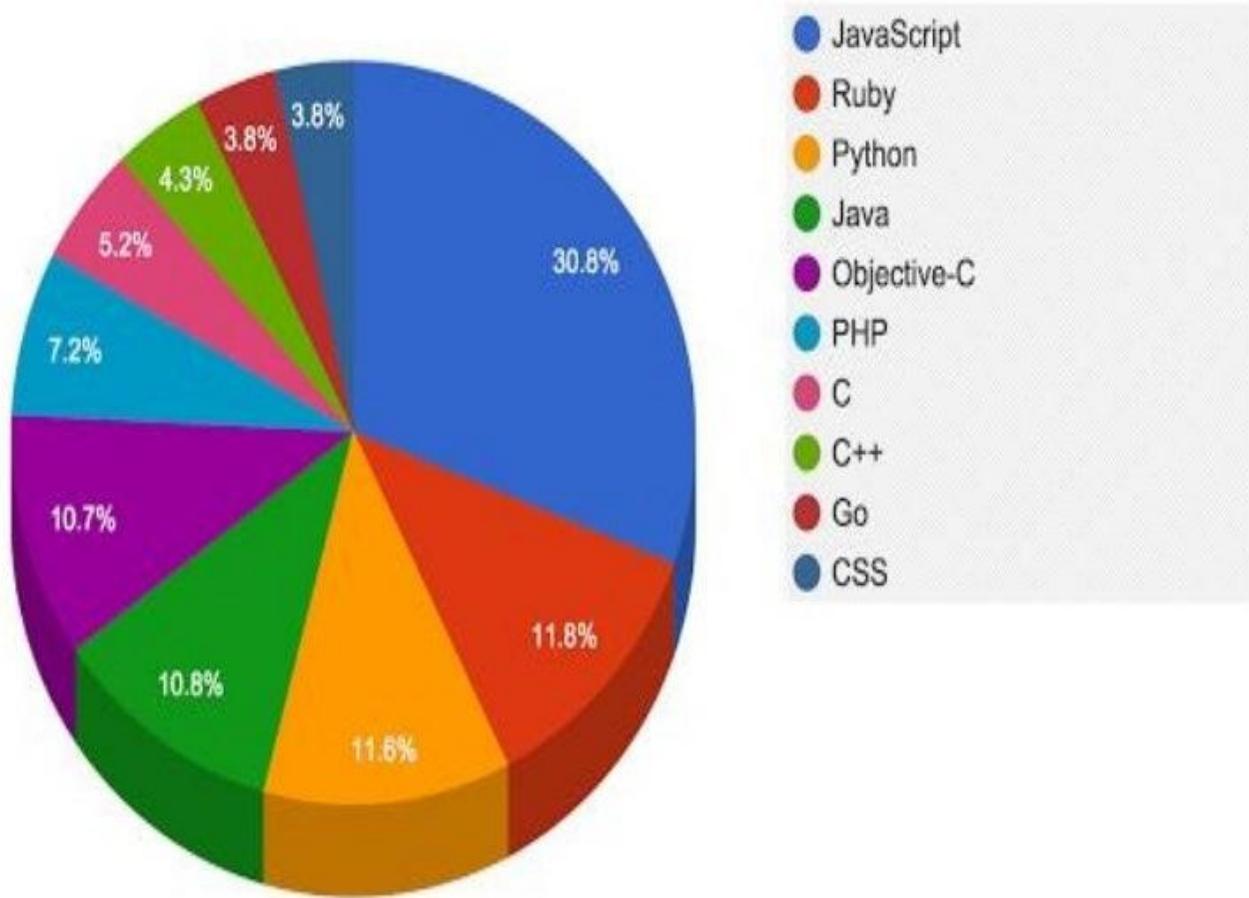


Fig 3.2.1

3.2.3 CLIENT SIDE SCRIPTING

Client-side scripting is changing interface behaviors within a specific web page in response to mouse or keyboard actions, or at specified timing events. In this case, the dynamic behavior occurs within the presentation. The client-side content is generated on the user's local computer system.

Such web pages use presentation technology called rich interfaced pages. Client-side scripting languages like JavaScript or ActionScript, used for Dynamic HTML (DHTML) and Flash technologies respectively, are frequently used to orchestrate media types (sound, animations, changing text, etc.) of the presentation. Client-side scripting also allows the use of

remote scripting, a technique by which the DHTML page requests additional information from a server, using a hidden frame, XML Http Requests, or a Web service.

The first widespread use of JavaScript was in 1997, when the language was standardized as ECMAScript and implemented in Netscape 3.

Example:

The client-side content is generated on the client's computer. The web browser retrieves a page from the server, then processes the code embedded in the page (typically written in JavaScript) and displays the retrieved page's content to the user.

The most popularly used client side scripting languages is **Java Script**. Flow of request from browser to server:

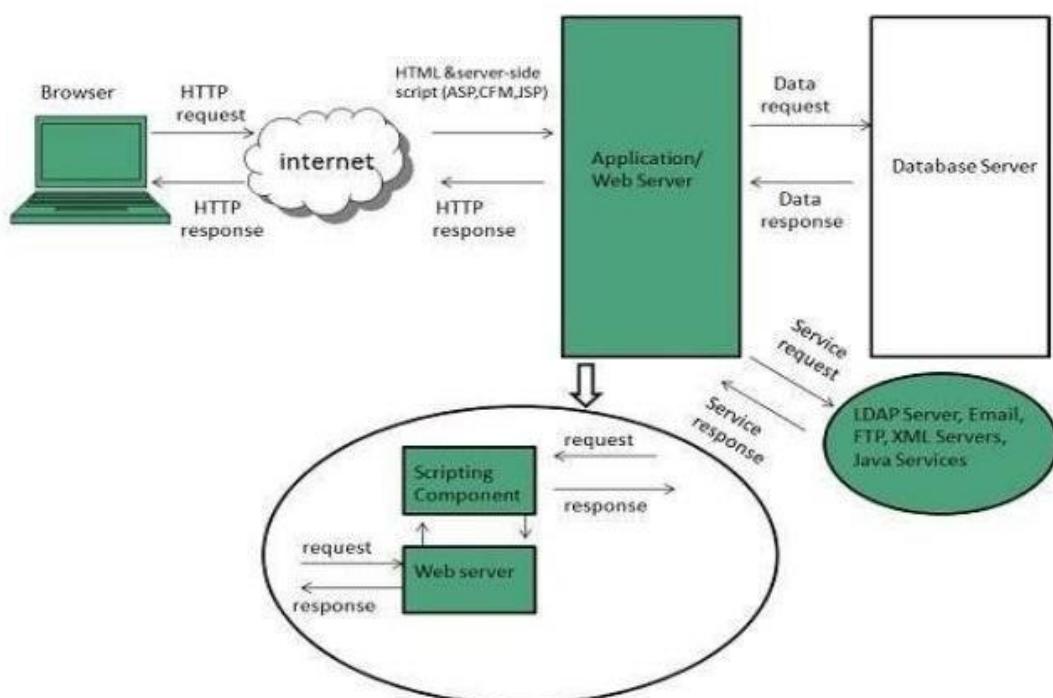


Fig 3.2.2

4.3 DATABASE

A **database** is an organized collection of data. It is the collection of schemas, tables, queries, reports, views, and other objects. The data are typically organized to model aspects of reality in a way that supports processes requiring information, such as modelling the availability of rooms in hotels in a way that supports finding a hotel with vacancies.

A **database management system (DBMS)** is a computer software application that interacts with the user, other applications, and the database itself to capture and analyze data. A general-purpose DBMS is designed to allow the definition, creation, querying, update, and administration of databases. Well-known DBMSs include MySQL, PostgreSQL, MongoDB, MariaDB, Microsoft SQL Server, Oracle, Sybase, SAP HANA, MemSQL and IBM DB2. A

database is not generally portable across different DBMSs, but different DBMS can interoperate by using standards such as SQL and ODBC or JDBC to allow a single application to work with more than one DBMS. Database management systems are often classified according to the database model that they support; the most popular database systems since the 1980s have all supported the relational model as represented by the SQL language. Sometimes a DBMS is loosely referred to as a "database".

3.4 SQL

Originally based upon relational algebra and tuple relational calculus, SQL consists of a data definition language, data manipulation language, and data control language. The scope of SQL includes data insert, query, update and delete, schema creation and modification, and data access control. Although SQL is often described as, and to a great extent is, a declarative language (4GL), it also includes procedural elements.

SQL was one of the first commercial languages for Edgar F. Codd's relational model, as described in his influential 1970 paper, "A Relational Model of Data for Large Shared Data Banks." Despite not entirely adhering to the relational model as described by Codd, it became the most widely used database language.

SQL became a standard of the American National Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987. Since then, the standard has been revised to include a larger set of features. Despite the existence of such standards, most SQL code is not completely portable among different database systems without adjustments.

3.5 QUERIES

The most common operation in SQL, the query, makes use of the declarative SELECT statement. SELECT retrieves data from one or more tables, or expressions. Standard SELECT statements have no persistent effects on the database. Some non-standard implementations of SELECT can have persistent effects, such as the SELECT INTO syntax provided in some databases.

Queries allow the user to describe desired data, leaving the database management system (DBMS) to carry out planning, optimizing, and performing the physical operations necessary to produce that result as it chooses.

A query includes a list of columns to include in the final result, normally immediately following the SELECT keyword. An asterisk ("*") can be used to specify that the query should return all columns of the queried tables. SELECT is the most complex statement in SQL, with optional keywords and clauses that include:

- The FROM clause, which indicates the table(s) to retrieve data from. The FROM clause can include optional JOIN subclauses to specify the rules for joining tables.

- The WHERE clause includes a comparison predicate, which restricts the rows returned by the query. The WHERE clause eliminates all rows from the result set where the comparison predicate does not evaluate to True.
- The GROUP BY clause projects rows having common values into a smaller set of rows. GROUP BY is often used in conjunction with SQL aggregation functions or to eliminate duplicate rows from a result set. The WHERE clause is applied before the GROUP BY clause.
- The HAVING clause includes a predicate used to filter rows resulting from the GROUP BY clause. Because it acts on the results of the GROUP BY clause, aggregation functions can be used in the HAVING clause predicate.
- The ORDER BY clause identifies which column[s] to use to sort the resulting data, and in which direction to sort them (ascending or descending). Without an ORDER BY clause, the order of rows returned by an SQL query is undefined.
- The DISTINCT keyword eliminates duplicate data.

CHAPTER-4

SCRIPTING LANGUAGES

4.1 PHP

Paradigm	Imperative, functional, object-oriented, procedural, reflective
Designed by	RasmusLerdorf
Developer	The PHP Development Team, Zend Technologies
First appeared	June 8, 1995; 21 years ago ^[1]
Stable release	7.1.5 / May 11, 2017; 16 days ago
Typing discipline	Dynamic, weak, gradual (as of PHP 7.0.0)
Implementation language	C (primarily; some components C++)
OS	Unix-like, Windows
License	PHP License (most of Zend Engine under Zend Engine License& The TSRM License)
Filename extensions	.php, .phtml, .php3, .php4, .php5, .php7, .phps
Website	php.net
Major implementations	
Zend Engine, HHVM, Phalanger, Quercus, Project Zero, Parrot	
Influenced by	
C, C++, Java, Perl, Tcl ^[1]	
Influenced	
Falcon, Hack	

PHP is a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. Originally created by RasmusLerdorf in 1994, the PHP reference implementation is now produced by The PHP Development Team. PHP originally stood for *Personal Home Page*, but it now stands for the recursive acronym *PHP: Hypertext Preprocessor*.

PHP code may be embedded into HTML or HTML5 markup, or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server software combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications.

The standard PHP interpreter, powered by the Zend Engine, is free software released under the PHP License. PHP has been widely ported and can be deployed on most web servers on almost every operating system and platform, free of charge.

The PHP language evolved without a written formal specification or standard until 2014, leaving the canonical PHP interpreter as a *de facto* standard. Since 2014 work has gone on to create a formal PHP specification.

4.2 Installing PHP

- I. Step 1: download the files. Download the latest PHP 5 ZIP package from www.php.net/downloads.php. ...
- II. Step 2: extract the files. ...
- III. Step 3: configure php.ini. ...
- IV. Step 4: add C: php to the path environment variable. ...
- V. Step 5: configure PHP as an Apache module. ...
- VI. Step 6: test a PHP file.
- VII. Or we can install **Xampp** which have inbuilt php,mysql,apache server

We have used xampp to run the php files.

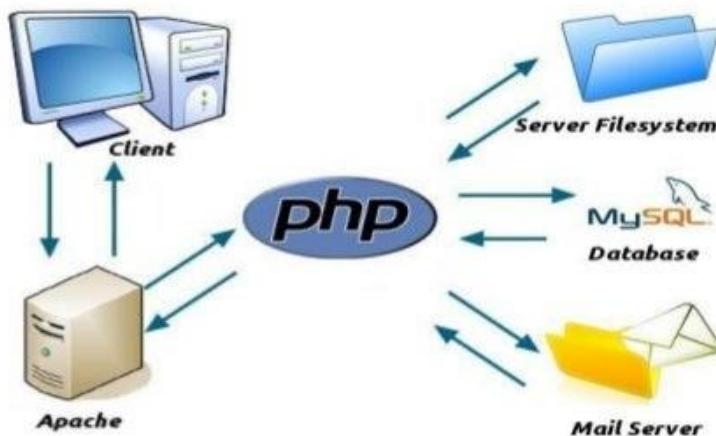


Fig 4.1.1

4.3 JAVA SCRIPT

JavaScript, often abbreviated as "JS", is a high-level, dynamic, untyped, and interpreted run-time language. It has been standardized in the ECMAScript language specification. Alongside HTML and CSS, JavaScript is one of the three core technologies of World Wide Web content production; the majority of websites employ it, and all modern Web browsers support it without the need for plug-ins. JavaScript is prototype-based with first-class functions, making it a multi-paradigm language, supporting object-oriented, imperative, and functional programming styles. It has an API for working with text, arrays, dates and regular expressions, but does not include any I/O, such as networking, storage, or graphics facilities, relying for these upon the host environment in which it is embedded.

Although there are strong outward similarities between JavaScript and Java, including language name, syntax, and respective standard libraries, the two are distinct languages and



XAMPP

Xamp is a free and open source cross platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages. XAMPP stands for Cross-Platform (X), Apache (A), MariaDB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes. Everything needed to set up a web server – server application (Apache), database (MariaDB), and scripting language (PHP) – is included in an extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server extremely easy as well.

4.8 FEATURES

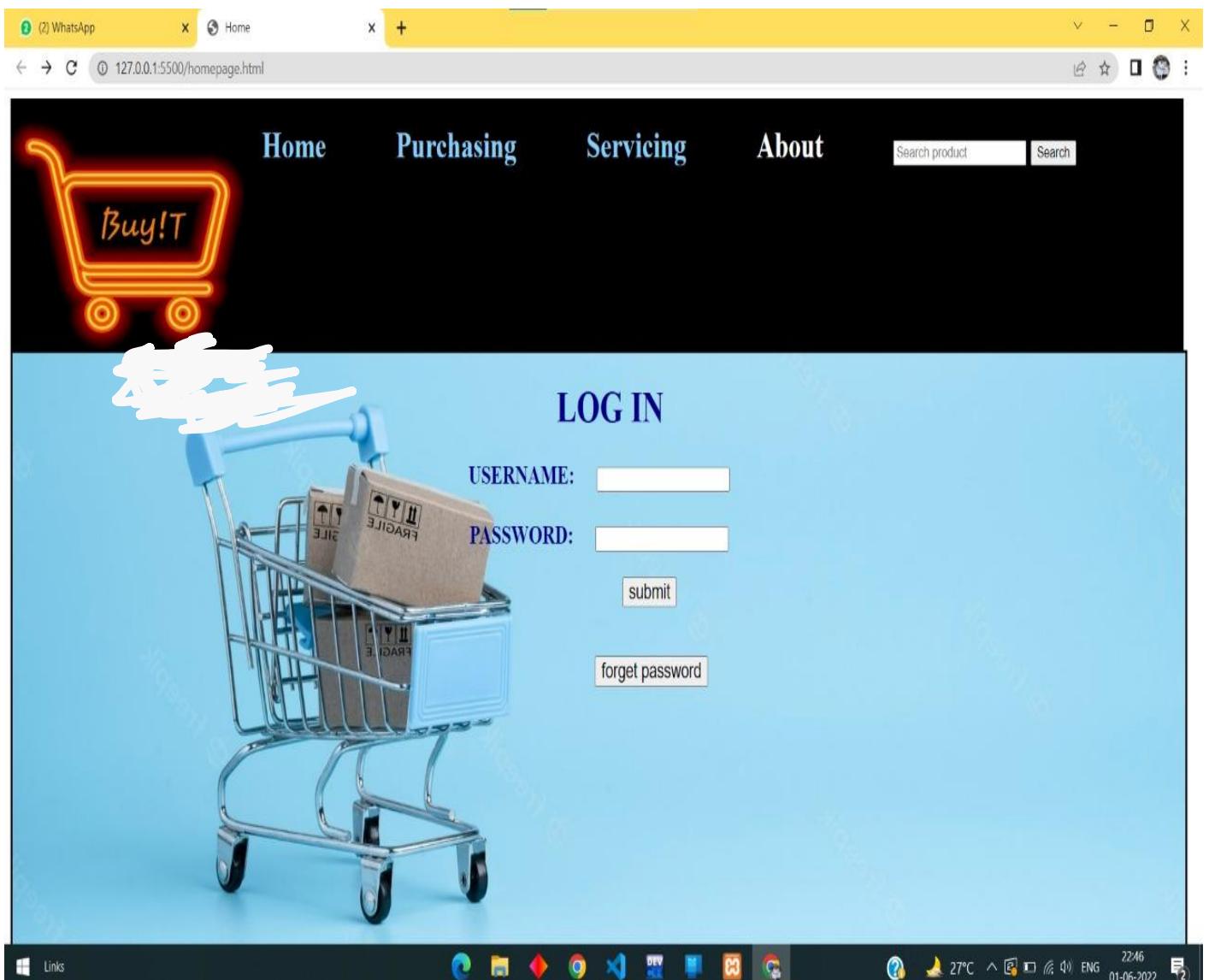
XAMPP is regularly updated to the latest releases of Apache, MariaDB, PHP and Perl. It also comes with a number of other modules including OpenSSL, phpMyAdmin, MediaWiki, Joomla, WordPress and more. Self-contained, multiple instances of XAMPP can exist on a single computer, and any given instance can be copied from one computer to another. XAMPP is offered in both a full and a standard version (Smaller version).

4.9 USAGE

Officially, XAMPP's designers intended it for use only as a development tool, to allow website designers and programmers to test their work on their own computers without any access to the Internet. To make this as easy as possible, many important security features are disabled by default. XAMPP has the ability to serve web pages on the World Wide Web. A special tool is provided to password-protect the most important parts of the package.

XAMPP also provides support for creating and manipulating databases in MariaDB and SQLite among others. Once XAMPP is installed, it is possible to treat a localhost like a remote host by connecting using an FTP client. Using a program like FileZilla has many advantages when installing a content management system (CMS) like Joomla or WordPress. It is also possible to connect to localhost via FTP with an HTML editor.

RESULTS:-





Details:-
Kutchina Tiara Auto clean wall mounted chimney
(grey 1000 cmh)
price:- ₹13,400



Details:-
Hindware Alexio 60 auto clean wallmounted chimney
(black 1200 cmh)
price:- ₹10,999



Details:-
Prestige clara 600 glass kitchen hood with
aluminium filter wall mounted chimney(silver 800 cmh)
price:- ₹6,600



Details:-
Havells Instanto 3 Litre, 3 KW Instant Water Heater
(White Mustard)
price:- ₹ 4,000



Details:-
Crompton Bliss 3-L Instant Water Heater (Geyser)
with Advanced 4 Level Safety (White)
price:- ₹3,600



Details:-
Bajaj Juvel Instant 3 Ltr Vertical Water Heater, White
price:- ₹3,500

Buy now



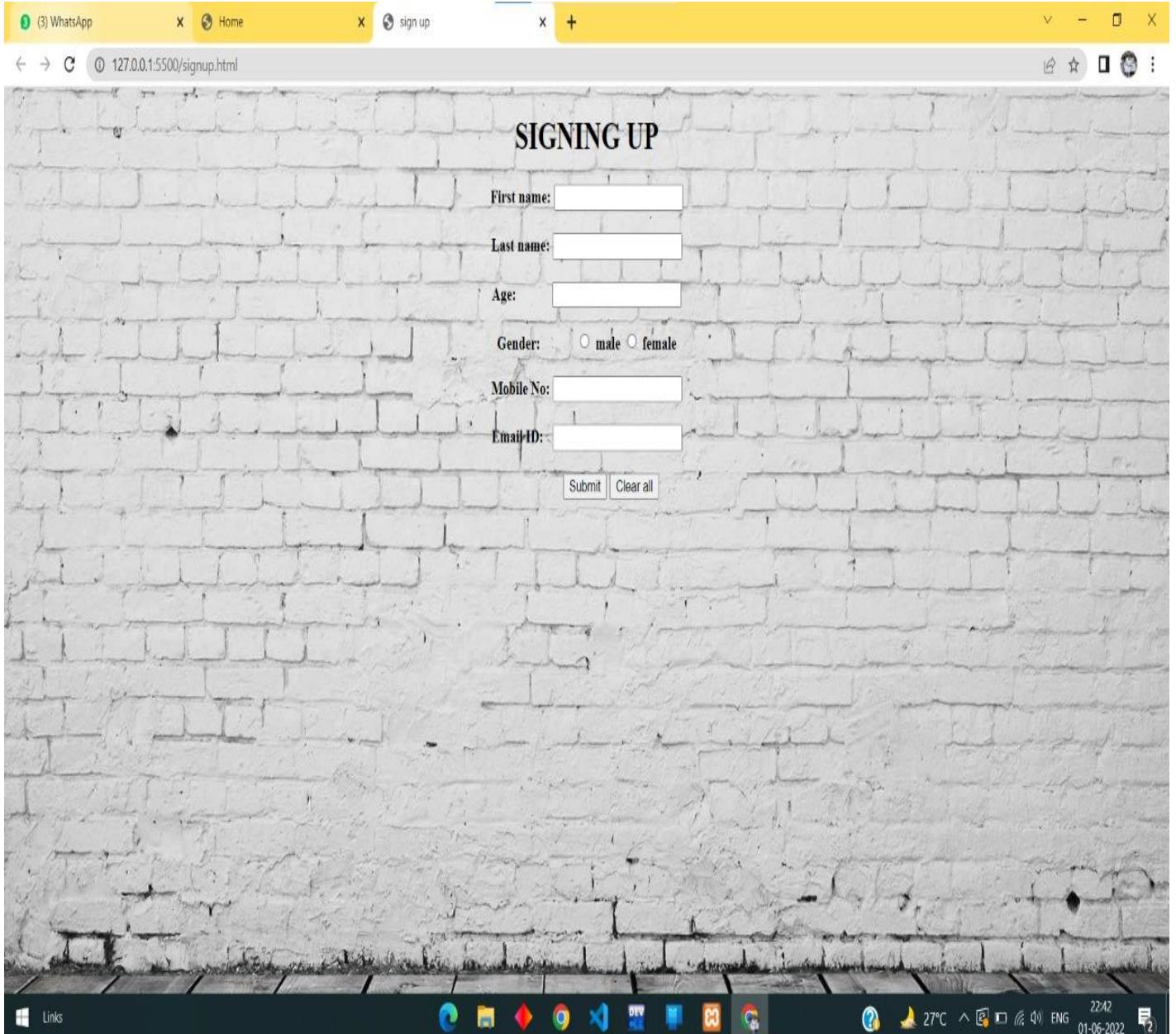
Details:-
Luminous Inverter & Battery Combo (Eco Volt Neo 1050 Sine
Wave Inverter,Red Charge 18000 150Ah Tall Tubular Battery)
price:- ₹19,999



Details:-
Livguard Invert and Battery Combo with Maximum Warranty
& Extra Backup, Inverter with Smart Artificial Intelligence
(LG31100PV 900VA Sinewave Inverter,
PT 2066TT 200Ah Tall Tubular Battery)
Price:- ₹25,500



Details:-
Microtek Mtekpower Inverter Battery Combo, For
Home,Industrial, Model Name/Number: EB1800TT
price:- ₹13,000



(3) WhatsApp Servicing page

127.0.0.1:5500/service.html

Service Corner

Select the product for servicing

RO CHIMNEY GEYSER

Enter your mobile no:

Address:

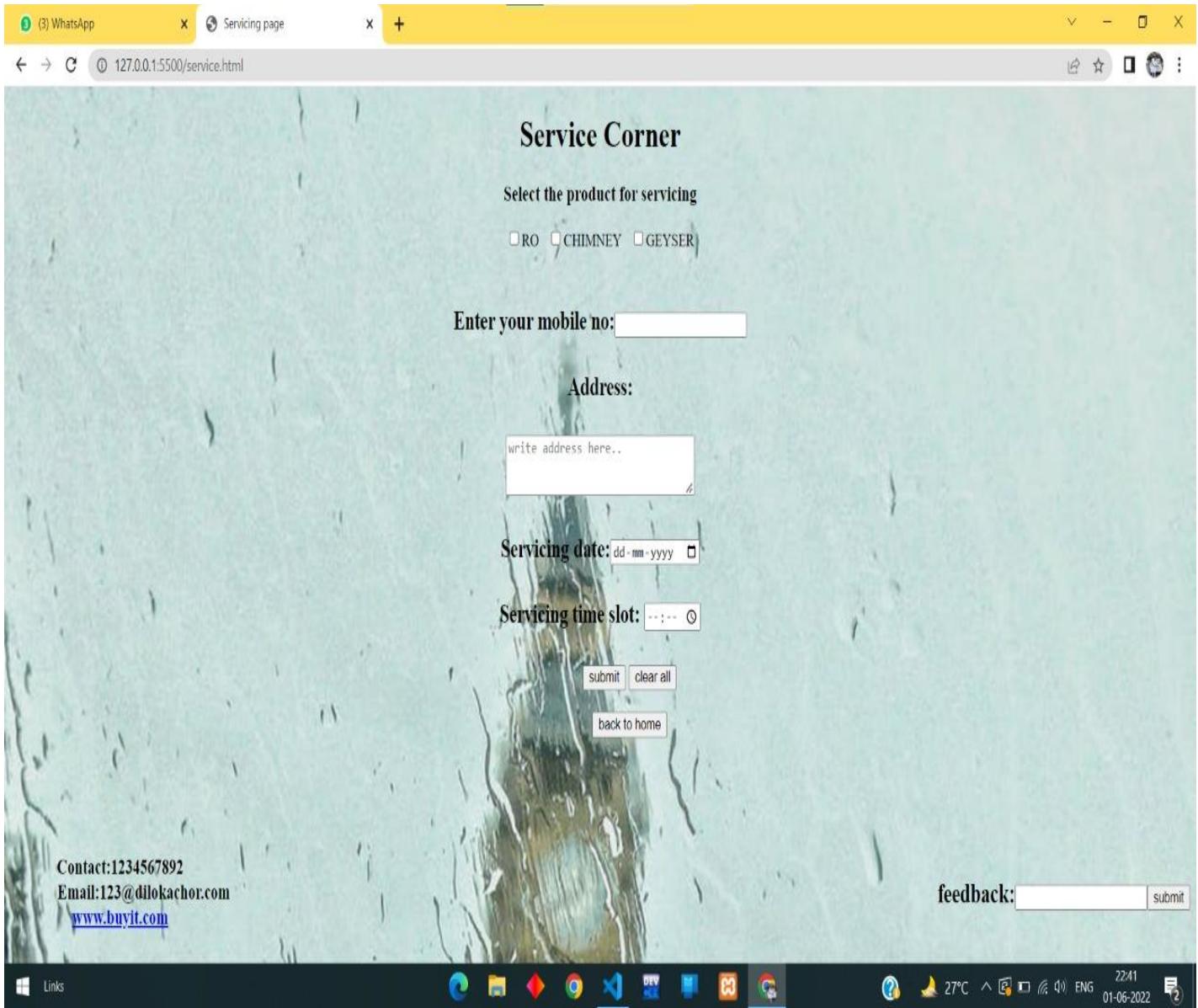
write address here..

Servicing date: dd-mm-yyyy

Servicing time slot: : :

Contact: 1234567892
Email: 123@dilokachor.com
www.buyit.com

feedback:



3 WhatsApp x purchasing page x +

← → C ① 127.0.0.1:5500/purchase.html

Name:

Gender: Male Female

Mobile No :

Address:>
write your address here...

Product receiving date: dd-mm-yyyy

Choose Product:

Submit Clear all

Back to home



envato

Links

22:51 27°C ENG 01-06-2022

localhost / 127.0.0.1 / sb / purchasing

phpMyAdmin

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(10)	utf8mb4_general_ci		No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
3	gender	text	utf8mb4_general_ci		No	None			Change Drop More
4	contact	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More
5	address	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
6	receivedate	date			No	None			Change Drop More
7	product	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More

Add 1 column(s) after product Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id	1	A	No	

Create an index on 1 columns Go

Partitions

Console

Links 27°C ENG 01-06-2022 22:58

localhost / 127.0.0.1 / sb / service

localhost/phpmyadmin/index.php?route=/sql&server=1&db=sb&table=service&pos=0

phpMyAdmin

Recent Favorites

New ecommerce information_schema mysql performance_schema phpmyadmin sb New purchasing service test

Showing rows 0 - 2 (3 total, Query took 0.0017 seconds)

SELECT * FROM `service`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	id	product	mobileno	address	servicedate	servicetime
<input type="checkbox"/>	1	ro	9368200986	dehradun	2022-07-03	21:06:00.000000
<input type="checkbox"/>	2	ro	9368200986	dehradun	2022-07-03	21:06:00.000000
<input type="checkbox"/>	3	ro	9368200986	delhi	2022-07-03	17:04:00.000000

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

Links 27°C ENG 22:58 01-06-2022

Buy!T

Home Purchasing Servicing About

Search product Search

Overview

Unanimously acknowledged as the leader in the RO Water Purifier category, KENT Pioneered in bringing the revolutionary Reverse Osmosis (RO) technology to India. Equipped with the vision for a healthier world and the technological expertise to come up with innovative solutions, the brand started its operations from Noida, India, in 1999, and has now become the largest manufacturer of water purifiers, in India. It has been a remarkable journey, strewn with milestones. While the brand has brought forth the patented technology of the RO+UV+UF+TDS Controller that purifies water while retaining the natural minerals, which are essential for a healthy life, our innovative use of UV light in the storage tank helps to retain the purity of pure water. Our endeavour to maintain the ecological equilibrium has made us come up with the Save Water Technology to ensure that no water is wasted while using our RO water purifier. Technological advancements from the house of KENT have been recognised globally and we are proud to say that KENT is the only water purifier company to be certified by some of the most prestigious certifying agencies of India and abroad like NSF & WQA of USA.

With millions of satisfied customers, this home-grown brand that was started off by Mr. Mahesh Gupta, an IIT Kanpur alumnus, is the most trusted one in the category, across the globe. The largest manufacturer of RO Water Purifiers, KENT has diversified its product portfolio, over the years. KENT now offers a wide range of healthcare products – HEP Air Purifiers, Vegetable Cleaners, Water Softeners and the Smart Chef range of kitchen appliances. The name has become synonymous with offering purity. The brand has come to be known for its innovative use of next-gen technology towards enhancing quality of everyday living. KENT is constantly innovating and providing solutions to protect people from harmful diseases. Driven by the purpose to offer good health to one and all, KENT is, without a doubt, the best guardian of your family's health and lets you drink pure, breathe pure, eat pure & live pure

Contact: 1234567892
Email: 123@dilokachor.com
www.buyit.com

CHAPTER-9

MAINTENANCE

The maintenance phase involves making changes to hardware, software, and documentation to support its operational effectiveness. It includes making changes to improve a system's performance, correct problems, enhance security, or address user requirements. To ensure modifications do not disrupt operations or degrade a system's performance or security, organizations should establish appropriate change management standards and procedures.

Routine changes are not as complex as major modifications and can usually be implemented in the normal course of business. Routine change controls should include procedures for requesting, evaluating, approving, testing, installing, and documenting website modifications. Maintaining accurate, up-to-date hardware and software inventories is a critical part of all change management processes. Management should carefully document all modifications to ensure accurate system inventories. Management should coordinate all technology related changes through an oversight committee and assign an appropriate party responsibility for administering software patch management programs. Quality assurance, security, audit, regulatory compliance, network, and end-user personnel should be appropriately included in change management processes. Risk and security review should be done whenever a system modification is implemented to ensure controls remain in place.

For maintenance of the website:

1. The database has to be updated regularly according to new available information.
2. Redundant and false information must be removed from the database.
3. Newer version of PHP and MYSQL can be used for up gradation of website and to improve the overall performance of the system.

CHAPTER-10

Future Scope and Future Enhancement

PROJECT-NAME

ECOMMERCE-WEBSITE

1. Ecommerce would help each and every person to find any product via our web site and get it at home it save their time .
2. It would provide huge collection of all products of all field.
3. Customers will get audio/video explaination of product tutorial .
4. We will be providing some special course both online and offline.

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7. www.php.net
8. Head first with PHP(Lynn Beighley and Michael Morrison)
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10. Wikipedia